

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION OVER
\$100,000

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1. This document is a justification for other than full and open competition prepared by the NASA, John F. Kennedy Space Center.
2. The nature and/or description of the action being approved:
This justification provides the rationale for contracting with Canberra Inc. by other than full and open competition for the acquisition of Environmental Continuous Air Monitor (ECAM) Systems Technical Support.
3. Description of the services required (including the estimated value):
 - Services: Provide support services to ECAM equipment currently owned from vendor. Four trips would be required to the Kennedy Space Center followed by compiling an after action report
 1. Trip 1 – Initial system set-up and verification. Performance Date: start on or about 3/21/2011. Baseline minimum trip duration assumption – 21 calendar days, 2 personnel. The estimated value is
 2. Trip 2 – Pre-Launch Deployment. Performance Date: start on or about 10/08/2011, complete by 10/14/2011. Baseline minimum trip duration assumption – 7 calendar days, 3 Canberra personnel. The estimated value is
 3. Trip 3 – Launch Support Orientation Support (Trip 3). Performance Date: start on or about 11/7/2011, complete by 11/14/2011. Baseline minimum trip duration assumption – 5 calendar days, 3 Canberra personnel. The estimated value is
 4. Launch Support Deployment (Trip 4). Performance Date: start not earlier than 11/23/2011, potentially through close of launch opportunity (12/18/2011). Baseline minimum trip duration assumption – 4 calendar days, 3 Canberra personnel (designated). Maximum trip duration not to exceed 27 calendar days, 3 Canberra personnel (designated). The estimated value is
 5. Provide post launch system performance report. The estimated value is
4. Statutory authority permitting other than full and open competition:
Identify authority and justify use of authority cited. This requirement will use the authority of the Test Program for Certain Commercial Items per Section 4202 of the

Clinger-Cohen Act of 1996 for actions IAW FAR 13.5 [see FAR 13.501(a)(1)(ii.)]. Only commercial items and services will be procured and the complexity of the requirement itself is not difficult. Only one responsible source and no other supplies or services will satisfy agency requirements per 10 U.S.C.2304(c)(1).

5. A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited:

- The proposed contractor has satisfactorily conducted system verification & validation tests previously on fifteen (15) of these ECAM systems that are in use at NASA KSC and now would be asked to conduct these tests again on these and 15 new units recently purchased from the vendor. Monitoring units must be able to communicate with the master control site at the Radiological Control Center. The proprietary Canberra ECAM RadHawk software enables communication with the monitoring unit and a graphical user interface for querying each of the systems individually and displaying overall status of the network. This software has also been further customized by the vendor to enable communications and data transfer with the US Department of Energy radiological monitoring database system which would be the primary source of radiological information for health and safety decision-making in the event of a launch area accident. Purchase of support services from competing system vendors would not be practical and would directly impact ability to meet launch readiness dates.

6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable:

The requirement will be synopsisized and the results will be noted in the procurement file. The Consolidated Contracting Initiative Home Page will be reviewed and the results noted in the Procurement file.

7. Determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable: The Contracting Officer will perform a price analysis and will receive an Independent Government Estimate.

8. Description of the market survey conducted and the results, or a statement of the reasons a market survey was not conducted:

The market survey done by internet and vendor queries indicates no equivalent system support capability is available from any other vendor. Choosing another vendor would introduce unacceptable delays in terms of time and testing to ensure systems would be ready to support mission readiness. Using another vendor to perform this support would introduce unacceptable risk that may lead to mission failure or undue public safety issues.

9. Other facts supporting the use of other than full and open competition, such as:

- System validation & verification require use of proprietary software and detailed system knowledge is necessary to successfully complete system checkout;

- Prior procurement action indicated no comparable system support available.

10. A listing of sources, if any, that expressed in writing an interest in the acquisition:

Any shown interest by other vendors will be evaluated and noted in the file. If it is shown that another vendor may meet the requirement, consideration will be given to data provided.

11. A statement of the actions, if any, the Agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:

- None; this instrument is extremely specialized, low-demand article running proprietary software

Justification for Other than Full and Open Competition for
Environmental Continuous Air Monitor (ECAM) systems Technical Support

Technical Point of Contact:

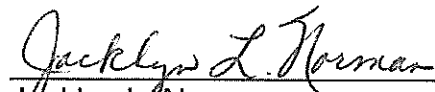
I certify that this justification is accurate and complete to the best of my knowledge and belief.


Randall E. Scott
KSC Radiation Protection Officer

2-16-2011
(Date)

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.


Jacklyn L. Norman
Contracting Officer

2/16/11
(Date)